

# Foreword

## How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Soil Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

An error is associated with each forecast, and this error decreases as the season progresses and more data becomes available. To express the range of error that can be expected, "most probable" forecasts are issued along with a range representing a "reasonable minimum" and a "reasonable maximum". Actual streamflow can be expected to fall within this range in eight out of ten years. Additionally two specific scenarios are provided based on the assumption that subsequent precipitation will be "wet", above average, or "dry", below average.

## For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola Ave., Suite 200, Phoenix, AZ 85012
Colorado	2490 West 26th Ave., Building A, 3rd floor, Denver, CO 80211
Idaho	3244 Elder Street, Room 124, Boise, ID 83705
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 87102-3157
Oregon	1220 Southwest 3rd Ave., Room 1640, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	W. 920 Riverside, Room 360, Spokane, WA 99201-1080
Wyoming	Federal Building, 100 "B" Street, Room 3124, Casper, WY 82601

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 248, Portland, OR 97209-3489.

Water supply reports published by other agencies:

California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A3V1; Alberta, Environment Technical Services Division, 9820 106th St., Edmonton, Alberta T5K 2J6.

# **New Mexico Water Supply Outlook**

and

## **Federal — State — Private Cooperative Snow Surveys**

### **Issued by**

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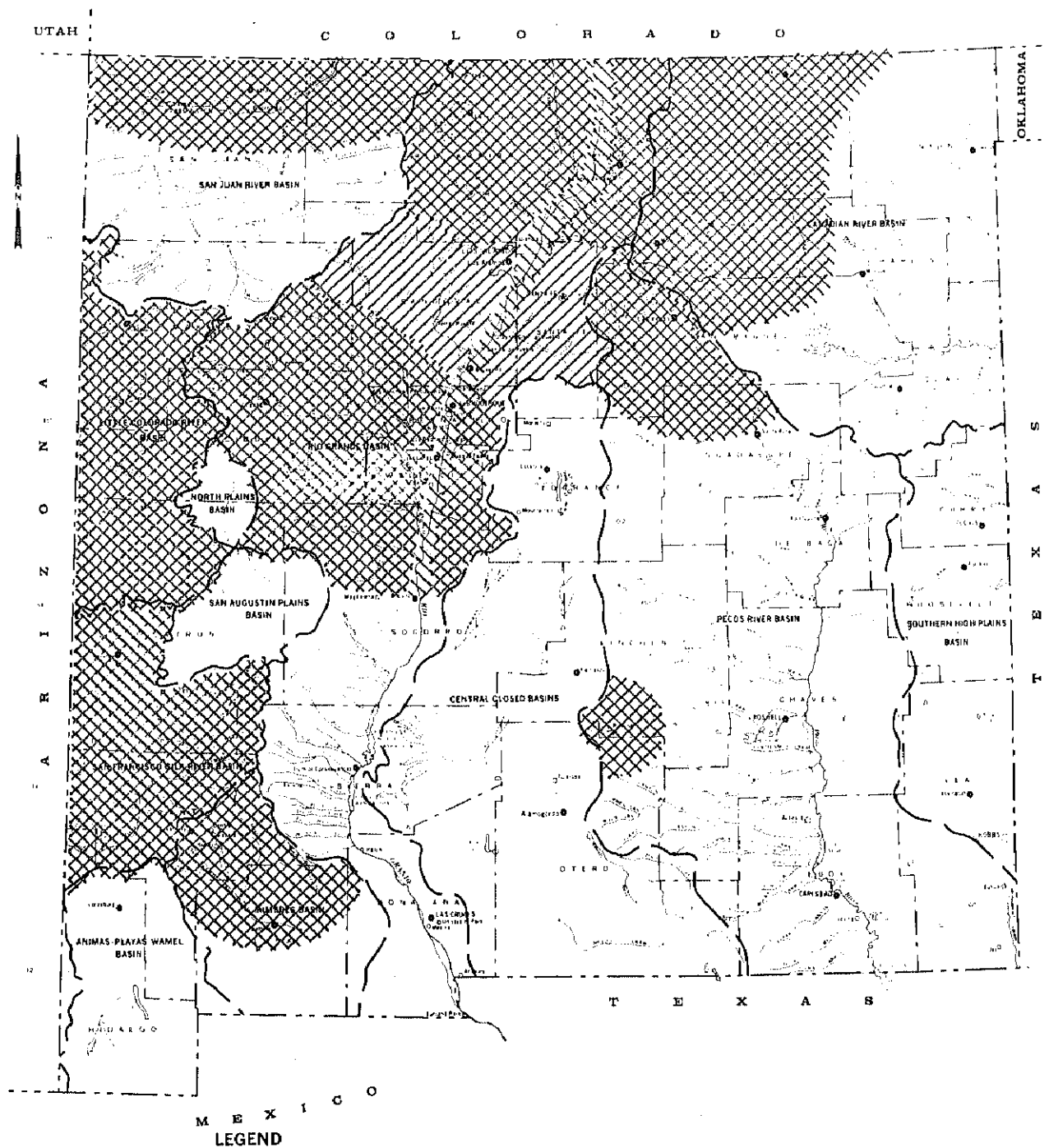
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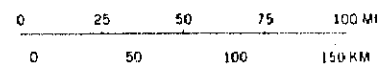
"Programs and assistance of the United States Department of Agriculture are available without regard to race, creed, color, sex, age, or national origin."

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## STREAMFLOW PROSPECTS NEW MEXICO



SOURCE: Data compiled by SCS  
Field Personnel.



REVISED OCTOBER 1988 1003087

## GENERAL OUTLOOK

### SUMMARY

THE WATER SUPPLY OUTLOOK FOR NORTHERN NEW MEXICO IS FOR NEAR AVERAGE ON MOST STREAMS. THE RIO GRANDE MAINSTEM IS EXPECTED TO BE ABOVE NORMAL. THE JEMEZ RIVER, SANTA CRUZ RIVER, AND THE SANTA FE RIVER ARE EXPECTED TO HAVE BELOW NORMAL VOLUMES FROM SNOWMELT. THE WEST-CENTRAL AND SOUTHWEST PORTIONS OF NEW MEXICO ARE IN THE MUCH BELOW AVERAGE RANGE. THE SNOWPACK HAS MELTED OUT EXCEPT FOR THE PEAKS ABOVE 10,500 FEET IN THE GILA WILDERNESS.

### SNOWPACK

Snowpack conditions across the State declined rapidly during March. Below normal snowfall, above normal temperatures, and several days of strong winds contributed to the decline. The areas of the Sangre de Cristo Mountains that received heavy snows during early February currently have near normal snowpack. Snowpack conditions in all other areas have declined to the below average or much below average ranges. Meltout has occurred in the Zuni Mountains, the Mimbres River Basin, and below 10,500 feet in the San Francisco-Gila River Basin. Significant snowmelt has been observed four to six weeks earlier than normal this year in most areas.

### PRECIPITATION

Precipitation in the mountains of New Mexico, for the month of March, ranged from 24 percent of average in the Little Colorado River Basin to 71 percent of average in the Mimbres River Basin. Mountain precipitation totals to date for the water year, October 1, 1988 to September 31, 1989, range from 103 percent of average in the Canadian River Basin to 58 percent of average in the Mimbres River Basin.

## STREAMFLOW

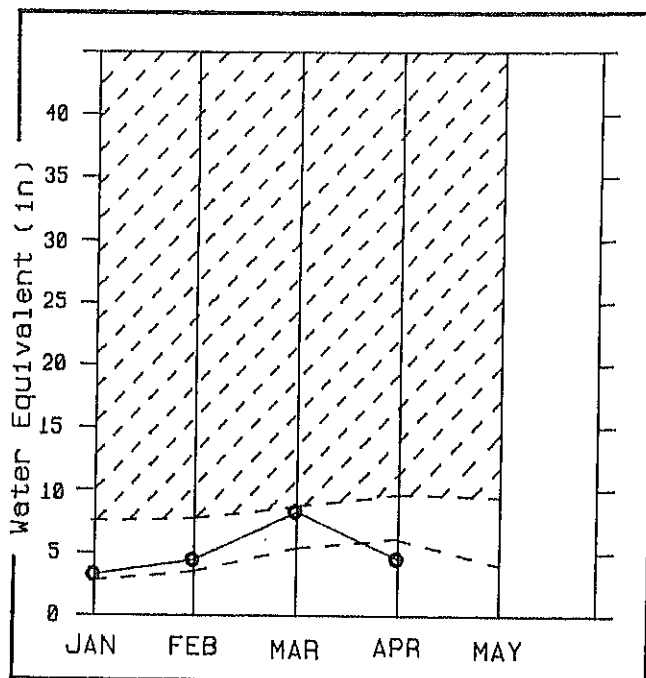
Streamflows observed by U.S. Geological Survey personnel for March indicate the flow for the Rio Grande below Taos Junction Bridge was 207 percent of median; the Pecos River near Pecos, NM, was 360 percent of median; and the Gila River near Gila, NM, was 89 percent of median. The observed streamflow information is based on provisional data and may be subject to change. Streamflow volume forecasts for New Mexico range from 125 percent of average during March-July on the Rio Grande at San Marcial to 3 percent of average in the Little Colorado Basin on both the Zuni River and the Rio Nutria.

## RESERVOIRS

At the end of March, reservoir storage in the thirteen westwide reservoirs in New Mexico is reported to be 220 percent of average. Storage, by basins, ranges from 119 percent of average in the Pecos River Basin to 312 percent of average in the Rio Grande Basin.

# Canadian River Basin

Mountain snowpack\* (inches)



\*Based on selected stations

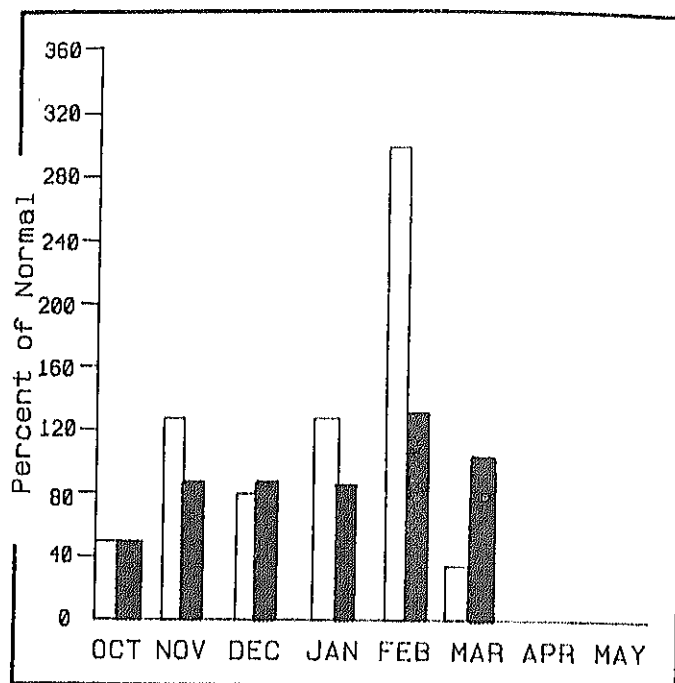
Maximum [diagonal lines]

Average [dashed line]

Minimum [diagonal lines]

Current [solid line with dots]

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation [white bar] Year to date precipitation [dark bar]

## WATER SUPPLY OUTLOOK

Streamflow volume forecasts for the March-June runoff period decreased from the March forecasts. The snowpack decreased during March to 74 percent of average. Forecasts in the basin range from 112 percent of average on the Cimarron River below Eagle Nest Dam to 94 percent of average on the Mora River near Golondrinas.

For more information contact your local Soil Conservation Service office.

# CANADIAN RIVER BASIN

## STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
VERNEJO RIVER nr Dawson	MAR-JUN	5.5	108	5.7	5.3	9.4	2.8	5.1
CIMARRON RIVER blw Eagle Nest Dam 2	MAR-JUN	11.0	112	12.4	9.6	14.5	7.5	9.8
CIMARRON RIVER nr Cimarron 2	MAR-JUN	15.5	109	16.8	14.2	21	10.1	14.2
MORA RIVER nr Golondrinas	MAR-JUN	11.0	94	13.2	8.8	18.5	3.5	11.7
CANADIAN RIVER nr Sanchez 2	MAR-JUN	54	100	60	46	85	23	54

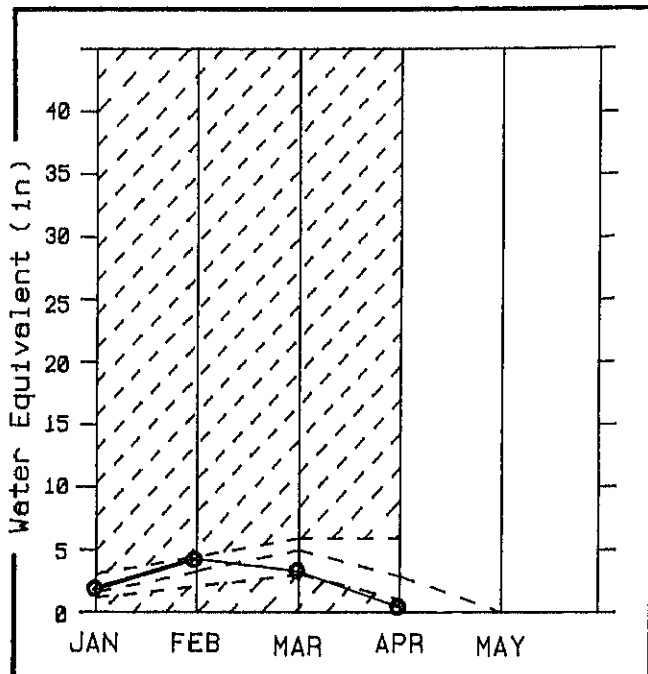
RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE : CAPACITY:	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
CONCHAS	330.0	266.0	269.5	137.2	CANADIAN RIVER BASIN	6	184 74

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.  
 REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels with the exception of (1) below.  
 (1) - REAS. MAX. and REAS. MIN. forecasts are for 5% and 95% exceedance levels.  
 (2) - Corrected for upstream diversions or changes in reservoir storage.



# Little Colorado River Basin

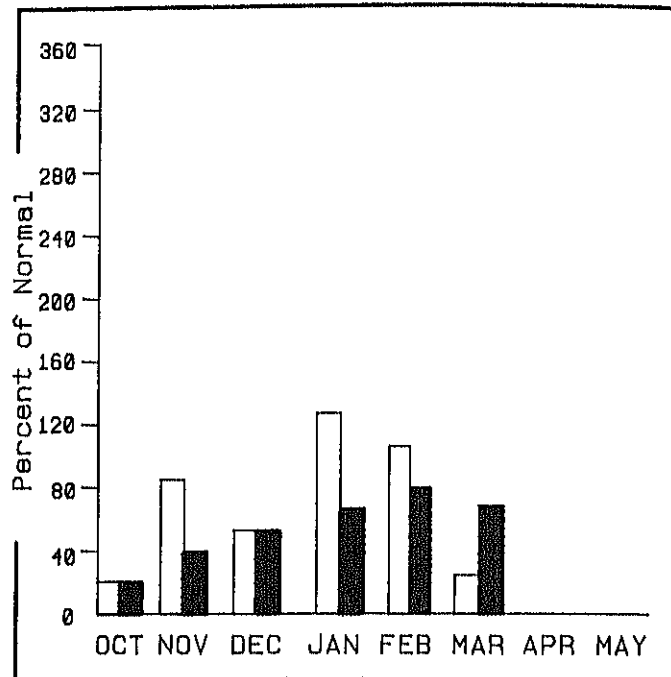
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum Average   
Minimum Current

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation Year to date precipitation

## WATER SUPPLY OUTLOOK

Streamflow forecasts for the basin have dropped to 3 percent of average for the March-May period. The snowpack in the Zuni Mountains was depleted during March. Irrigation water supplies from snowmelt and current reservoir storage appear to be sufficient to meet the seasonal demands.

For more information contact your local Soil Conservation Service office.

# LITTLE COLORADO RIVER BASIN

## STREAMFLOW FORECASTS

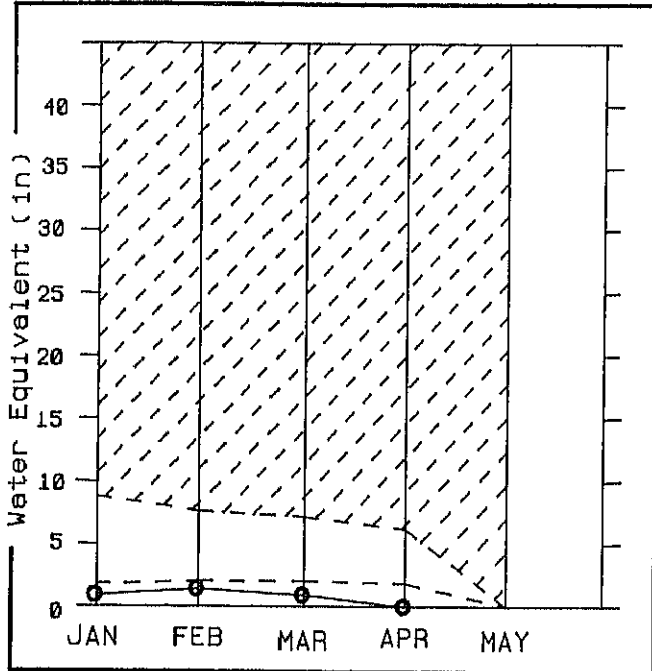
FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
RIO NUTRIA nr Ramah abv Upper Nutria	APR-MAY	0.05	2			0.9	0.0	3.1
ZUNI R abv Black Rock Res 2	APR-MAY	0.15	3			3.2	0.0	5.2

RESERVOIR STORAGE (1000AF)		WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE : CAPACITY : : YEAR	** USEABLE STORAGE ** THIS LAST YEAR YEAR AVG.	WATERSHED	NO. COURSES AVG'D
			LITTLE COLORADO RIVER BAS	6
				23
				9

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.  
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# Mimbres River Basin

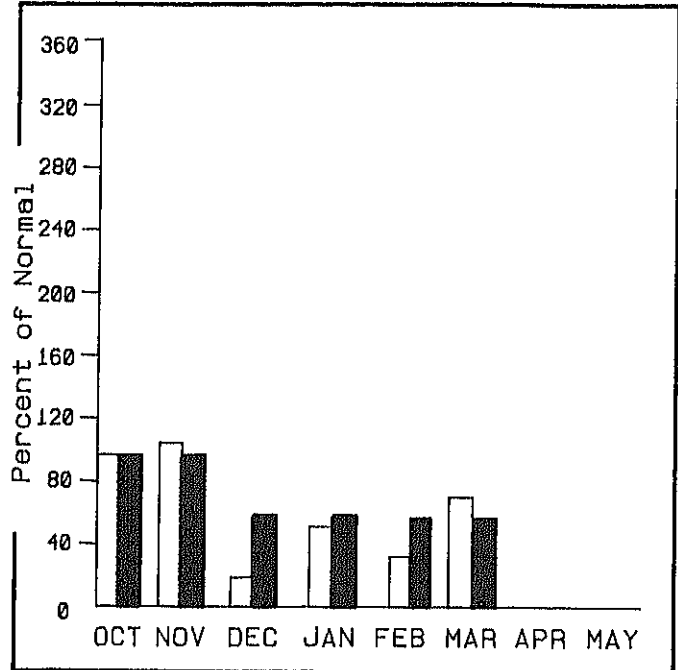
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum Average   
Minimum Current

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation Year to date precipitation

## WATER SUPPLY OUTLOOK

Streamflow volume forecast for the Mimbres River at Mimbres is for 14 percent of average during the April-May runoff period. The snowpack was depleted during early March producing very little runoff.

For more information contact your local Soil Conservation Service office.

# MIMBRES RIVER BASIN

## STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
MIMBRES RIVER at Mimbres	APR-MAY	0.3	14			2.3	0.1	2.1

## RESERVOIR STORAGE

(1000AF)

## WATERSHED SNOWPACK ANALYSIS

RESERVOIR	USEABLE CAPACITY	USEABLE STORAGE	THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	% OF AVERAGE
						MIMBRES RIVER BASIN	3	0	0

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.

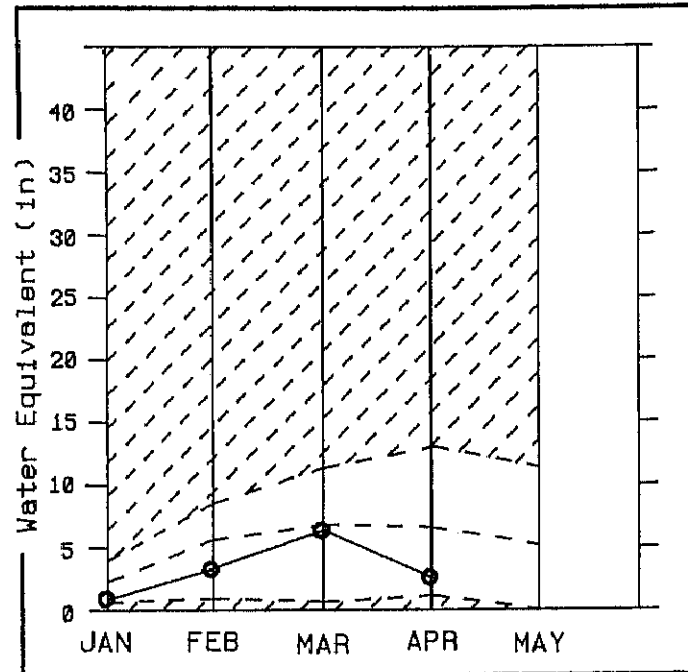
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(2) - Corrected for upstream diversions or changes in reservoir storage.

# Pecos River Basin

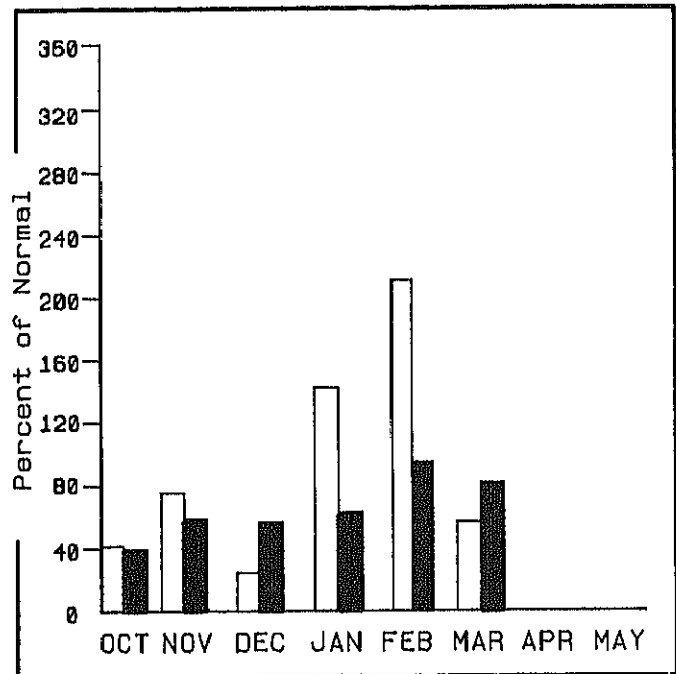
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum Average Minimum Current

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation Year to date precipitation

## WATER SUPPLY OUTLOOK

Streamflow volume forecasts in the basin remain in the near normal range. The upper basin forecasts range from 90 percent of average on the Pecos River near Anton Chico to 93 percent of average on the Gallinas Creek near Montezuma. In the lower basin, the Rio Ruidoso near Hollywood is expected to have average volume flow.

For more information contact your local Soil Conservation Service office.

PECOS RIVER BASIN

STREAMFLOW FORECASTS

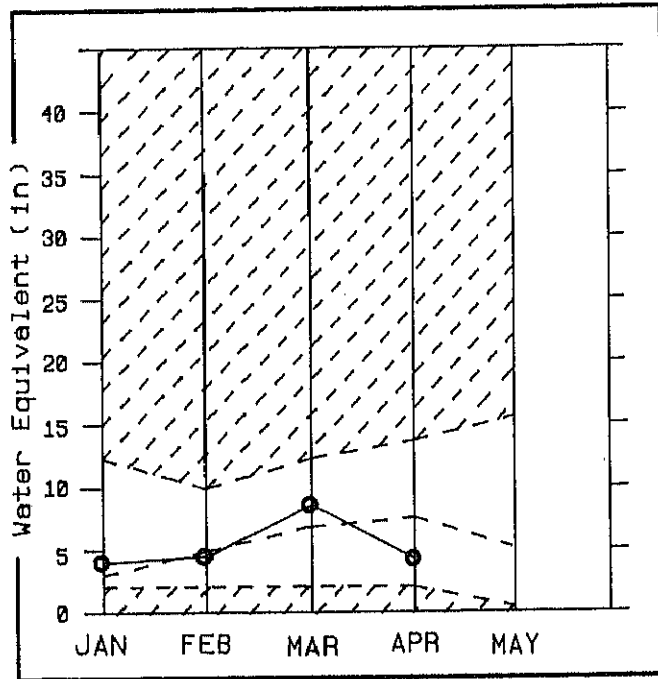
FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
GALLINAS CREEK nr Montezuma	MAR-JUL	7.0	93			19.0	2.8	7.5
PECOS RIVER nr Pecos	MAR-JUL	45	92			75	15.1	49
PECOS RIVER nr Anton Chico	MAR-JUL	46	90			77	14.9	51
RIO RUIDOSO at Hollywood	MAR-JUN	6.5	105	7.1	5.9	10.3	2.7	6.2

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY	USEABLE STORAGE	THIS YEAR	LAST YEAR	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
LAKE AVALON	6.0	0.9	2.7	1.9	PECOS RIVER BASIN	6	70 99
LAKE McMILLAN	34.0	0.0	28.5	20.7			
SANTA ROSA	447.0	86.5	112.0	91.1			
SUNNER	102.0	35.9	45.2	50.2			

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# Rio Grande Basin

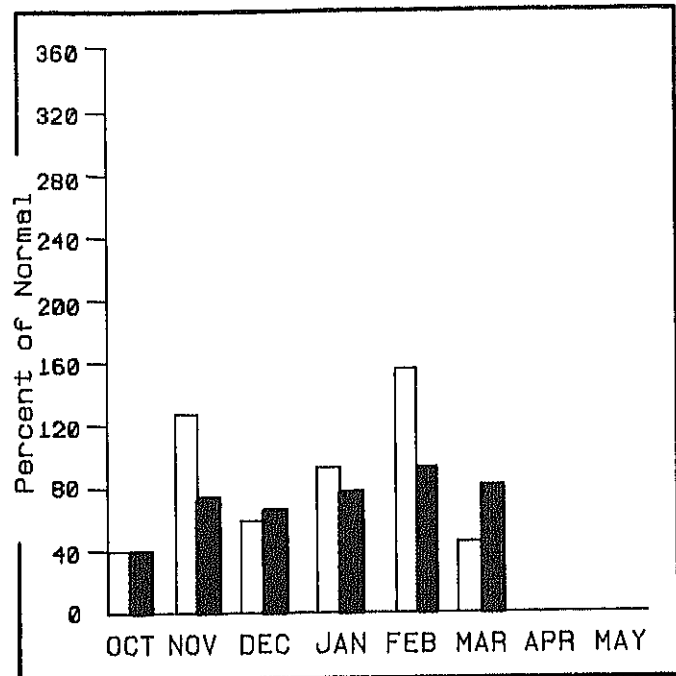
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum [hatched area] Average [dashed line]  
Minimum [dashed line] Current [solid line with circles]

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation [white bar] Year to date precipitation [black bar]

## WATER SUPPLY OUTLOOK

Streamflow volume forecasts for the Rio Grande Mainstem remain in the above average range. The Sangre de Cristo tributaries north of Taos and the Rio Chama are now in the near normal range. The tributaries in the southern Sangre de Cristo Mountains and the Jemez River are forecast to have below average volume flows.

For more information contact your local Soil Conservation Service office.

RIO GRANDE BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
RIO GRANDE nr Del Norte 2	APR-SEP	580	114	590	575	725	435	510
CONEJOS RIVER blw Platoro Res 2	APR-SEP	70	106	73	67	87	54	66
CONEJOS RIVER nr Mogote 2	APR-SEP	215	105	225	205	280	150	204
COSTILLA CREEK nr Costilla 2	MAR-JUL	24	109	26	22	35	13.0	22
RED RIVER bl Fish Hatchery nr Questa	MAR-JUL	35	106	38	31	51	19.2	33
RIO HONDO near Valdez	MAR-JUL	18.0	110	21	15.1	28	8.1	16.3
RIO PUEBLO de TAOS nr Taos	MAR-JUL	16.0	102	18.5	13.5	23	9.4	15.7
RIO PUEBLO de TAOS bl Los Cordovas	MAR-JUL	32	100	38	26	57	13.1	32
RIO CHAMA blw El Vado Dam 2	MAR-JUL	230	101	235	220	340	121	227
SANTA CRUZ RIVER at Cundiyo	MAR-JUL	13.0	83	14.6	11.4	22	4.0	15.6
RIO GRANDE at Otowi Bridge 2	MAR-JUL	790	118	805	785	1410	615	672
SANTA FE RIVER nr Santa Fe 2	MAR-JUL	2.8	70	3.0	2.6	4.8	0.8	4.0
JEMEZ RIVER nr Jemez	MAR-JUL	34	77	37	31	49	19.0	44
RIO GRANDE FLOODWAY at San Marcial 2	MAR-JUL	605	125	620	600	1120	440	485

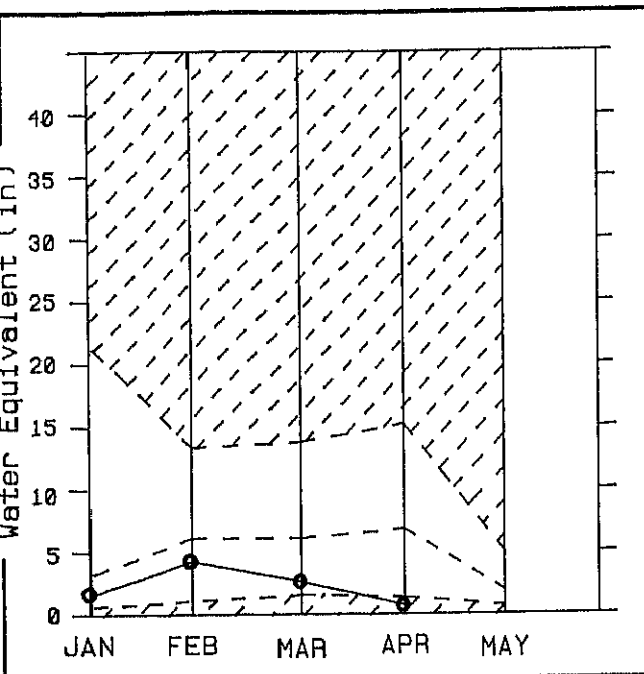
RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY	USEABLE THIS YEAR	USEABLE LAST YEAR	USEABLE STORAGE AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	% OF AVERAGE
ABIEQUIU	554.5	186.8	183.8	30.3	RIO GRANDE BASIN	21	97	55
CABALLO	331.5	138.0	255.0	55.0				
COCHITI	502.3	52.0	123.3	40.1				
COSTILLA	16.0	4.0	6.1	5.5				
EL VADO	186.3	170.0	119.0	54.3				
ELEPHANT BUTTE	2065.0	1958.0	2089.0	552.0				
HERON	400.0	366.0	385.0	185.6				

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# San Francisco-Gila River Basin

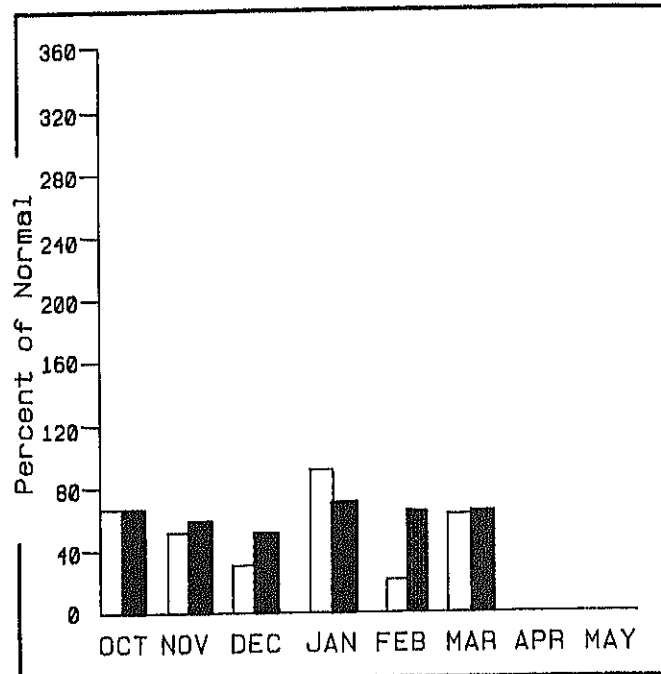
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum [dashed line with diagonal lines] Average [dashed line]  
Minimum [dashed line with cross-hatch] Current [solid line with dots]

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation [white bar] Year to date precipitation [black bar]

## WATER SUPPLY OUTLOOK

Snowpack meltout below 10,500 feet has occurred in the basin. Streamflow volume forecasts for the basin range from 17 percent of average on the Gila River near Virden to 31 percent of average on the San Francisco River at Glenwood. Irrigation water supplies from snowmelt do not appear to be sufficient to meet seasonal demands.

For more information contact your local Soil Conservation Service office.

SAN FRANCISCO - GILA RIVER BASIN

STREAMFLOW FORECASTS

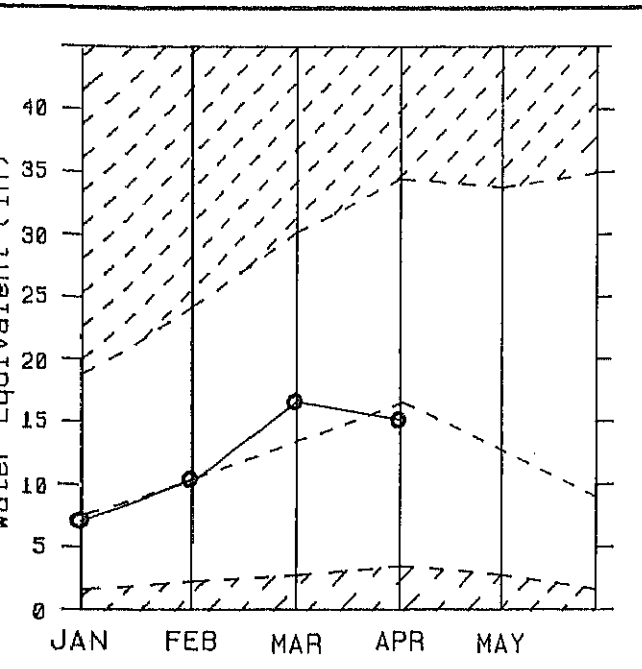
FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
GILA RIVER at Gila	APR-MAY	6.5	26	7.5	5.5	28	2.5	25
GILA RIVER near Virden	APR-MAY	5.0	17	6.2	4.1	36	2.3	30
SAN FRANCISCO RIVER at Glenwood	APR-MAY	5.0	31	5.6	4.2	29	2.1	16.2
SAN FRANCISCO RIVER at Clifton	APR-MAY	10.0	30	11.6	8.7	53	4.1	33

RESERVOIR STORAGE (1000AF)		WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR    LAST YEAR    AVG.	WATERSHED	NO. COURSES AVG'D
			SAN FRANCISCO - GILA RIVE	11
				24
				13

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# San Juan River Basin

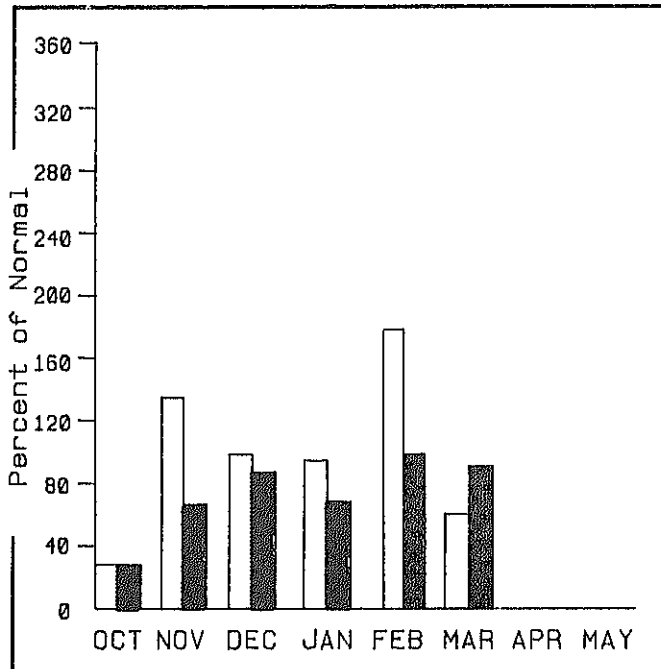
Mountain snowpack\* (inches)



\*Based on selected stations

Maximum Average   
Minimum Current

Precipitation\* (percent of normal)



\*Based on selected stations

Monthly precipitation Year to date precipitation

## WATER SUPPLY OUTLOOK

Streamflow volume forecasts for the basin are for near average flows. Forecasts range from 93 percent of average on the La Plata River at Hesperus to 98 percent of average on the Animas River at Durango.

For more information contact your local Soil Conservation Service office.

# SAN JUAN RIVER BASIN

## STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SAN JUAN RIVER nr Archuleta 2	APR-JUL	715	94	800	630	965	500	764
ANIMAS RIVER at Durango	APR-SEP	475	98	485	470	565	385	486
LA PLATA RIVER at Hesperus	APR-SEP	25	93	26	24	32	18.0	27

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE : CAPACITY:	USEABLE : THIS YEAR	USEABLE STORAGE : LAST YEAR	USEABLE STORAGE : AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
NAVAJO	1696.0	1210.0	1057.0	872.0	SAN JUAN RIVER BASIN	17	130 86

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# SNOW DATA MEASUREMENTS

APRIL 1989

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
NEW MEXICO						
ALAMITOS	9800	3/30/89	3	1.2	.5	6.9
BATEMAN SNOTEL	9800	4/01/89	---	8.8	13.5	13.8
BATEMAN	9800	3/30/89	24	7.5	9.8	13.0
BIG TESUQUE	10000	3/30/89	0	.0	4.3	5.6
BITTER CREEK	8800	3/29/89	0	.0	.0	4.5
BOWL CANYON	8980	3/29/89	2	1.8	7.8	10.5
CHAMA DIVIDE	7750	3/29/89	0	.0	.0	2.5
CHAMITA SNOTEL	8500	4/01/89	---	2.7	12.6	8.7
CHAMITA	8500	3/29/89	12	4.1	7.9	9.0
CORDOVA	10100	3/31/89	2	.5	---	11.8
ELK CABIN	8250	3/29/89	0	.0	.6	2.9
EMORY PASS #2	7800	3/30/89	0	.0	.0	.2
FRISCO DIVIDE SNOTEL	8000	4/01/89	---	.0	.0	.9
FRISCO DIVIDE	8000	4/01/89	0	.0	.2	1.8
GALLEGOS PEAK SNOTEL	9500	4/01/89	---	9.7	7.5	13.0
GALLEGOS PEAK	9500	3/28/89	24	9.1	5.5	12.2
HEMATITE PARK	9500	3/27/89	13	5.1	2.0	4.4
HIDDEN VALLEY	8480	3/31/89	0	.0	5.6	---
HOPEWELL SNOTEL	10000	4/01/89	---	19.2	15.9	20.2
HOPEWELL LAKE	10000	3/28/89	48	18.4	13.7	19.5
HUMMINGBIRD	10550	4/01/89	0	.0	11.0	17.5
LA CUEVA	8700	3/30/89	0	.0	5.2	7.2
LOOKOUT MTN SNOTEL	8150	4/01/89	---	.0	.0	.0
MCKNIGHT CABIN	9300	4/01/89	0	.0	.0	3.1
MOGOLLON	7000	4/01/89	---	.0E	---	.1
NORTH COSTILLA SNTL	10600	4/01/89	---	1.7	1.6	3.6
NORTH COSTILLA	10600	3/29/89	14	4.8	2.0	6.5
OJO REDONDO	8200	3/29/89	0	.0	.0	3.6
PALO	9300	3/27/89	20	7.5	4.7	7.9
PANCHUELA SNOTEL	8300	4/01/89	---	3.0	4.0	5.6
PANCHUELA	8300	3/27/89	2	.7	.7	2.9
PAYROLE	10000	3/28/89	18	6.8	7.2	9.0
POST OFFICE FLAT	8400	3/29/89	0	.0	.0	2.1
QUEMAZON SNOTEL	9300	4/01/89	---	3.1	5.0	10.2
QUEMAZON	9300	3/30/89	24	6.7	7.9	10.0
RED R PASS #2 SNOTEL	9800	4/01/89	---	6.2	4.9	7.0
RED RIVER PASS #2	9800	3/27/89	16	6.1	3.8	6.4
REDSTONE TRAIL	8600	4/01/89	---	.0E	---	6.9
RICE PARK	8500	3/29/89	0	.0	.0	3.7
RIO EN MEDIO	10300	3/29/89	19	5.8	5.9	9.7
SAN ANTONIO SINK	9200	3/28/89	22	9.0	5.0	8.7
SANDOVAL	9500	3/30/89	7	2.0	4.0	5.9
SEÑORITA DIVIDE #1	8780	3/30/89	4	1.5	3.1	8.2
SEÑORITA DVD #2 SNTL	8600	4/01/89	---	1.4	6.5	11.6
SEÑORITA DIVIDE #2	8600	3/30/89	1	.4	2.8	8.2
SIERRA BLANCA	10280	3/28/89	21	7.7	10.1	---
SIGNAL PEAK SNOTEL	8360	4/01/89	---	.0	.0	2.1
SILVER CREEK SNOTEL	9070	4/01/89	---	.0	6.5	14.3
SILVER CREEK DIVIDE	9070	4/01/89	---	.0E	---	10.5
STATE LINE	8000	4/01/89	0	.0	.0	1.0
TAOS CANYON	9000	3/27/89	7	2.7	1.9	4.9
TAOS POWDERHORN	11250	3/30/89	65	25.8	---	26.0
TRES RITOS	9000	3/30/89	2	1.1	.9	5.8
WESNER SPRINGS	11120	3/28/89	29	9.6	11.6	16.0
WHISKEY CREEK	9050	3/30/89	11	4.7	9.1	11.5
WHITewater	10750	4/01/89	27	9.5	17.8	24.4

# The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

## **State**

New Mexico State Engineer  
New Mexico Department of Game and Fish  
Interstate Stream Commission

## **Federal**

U.S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U.S. Department of Commerce  
NOAA, National Weather Service  
U.S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service  
Bureau of Indian Affairs  
U.S. Department of Defense  
Army Corps of Engineers  
Los Alamos National Laboratory

## **Local**

Public Service Company of New Mexico  
City of Las Vegas  
Village of Ruidoso  
Zuni Tribe  
Bluewater-Toltec Irrigation District  
Costilla Land Company  
Navajo Tribe  
Ramah Valley Acequia

## **Private**

Moreno Ranch  
Vermejo Ranch

Other organizations and individuals furnish information for the snow survey reports.  
Their cooperation is gratefully acknowledged.